

## Contact

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## Top Skills

Python  
Data Science  
Machine Learning

## Languages

Chinese (Elementary)  
English (Full Professional)  
Hindi (Professional Working)

## Certifications

Interactive Data Visualization with Bokeh  
Learning to Be Approachable  
Python 101 for Data Science  
Data Science Hands-On with Open Source Tools  
Data Science Foundations - Level 1

## Honors-Awards

5th rank-Nest-Jr Scholarship  
Rank-10,NEST-I category  
Above and Beyond - Gold Award (NOVARTIS)

# Aswin Giridhar Subramanian

Analyst - Data Science at Novartis  
Krishnagiri

## Summary

Experienced Data Science Specialist with a demonstrated history of working in the pharmaceuticals industry.

Website Link: <https://aswin-giridhar.github.io/>

Github Link: <https://github.com/aswin-giridhar/>

### Tech Stack:

- Machine Learning: Classification, Clustering, Regression, Outlier Detection, Natural Language Processing, Recommender System, Social Network Mining
- Statistics: Probability, Distribution, Hypothesis Testing, A/B Testing, Regressions, Time Series Analysis
- Programming language: Python (SciKit-Learn, Pandas, NumPy, Pytorch, Tensorflow), R, C/C++
- Visualization: QlikSense, Bokeh, Matplotlib, Seaborn

### Project/Research Areas:

- 1) Natural Language Processing(NLP)
- 2) Reinforcement Learning(RL)

Research Areas which interest me and which I spend my free time in are:

- 1) NLP work on Low-Resource Languages
- 2) IoT

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## Experience

### Novartis

2 years 3 months

#### Analyst - Data Science

September 2019 - Present (1 year 2 months)

Hyderabad Area, India

I have worked on NLP projects involving Multilingual data, Semantic Textual Similarity, Natural Language Understanding, Text Classification and Text Summarization.

Projects Include:

Details of the projects can be found in the projects section

- 1) iRisk Audit and Inspection category reclassification using NLP
- 2) Adverse Event detection from Social media posts

Associate - Data Science

August 2018 - September 2019 (1 year 2 months)

Hyderabad Area, India

I have worked on NLP projects involving Multilingual data, Semantic Textual Similarity, Natural Language Understanding and Sentiment Analysis.

Projects Include:

Details of the projects can be found in the projects section

- 1) Text Analysis and Insights on Sales Rep survey
- 2) Semantic Textual Similarity for Novartis Manufacturing Sites  
- Received Above and Beyond - Gold Award (NOVARTIS) for this project along with cash award of  
Rs 10,000

Novartis

Intern

January 2018 - June 2018 (6 months)

Hyderabad Area, India

I had interned for 6 months at Novartis on the project "Comprehensive Price Variation Analysis for Procurement". I had researched and developed an end-to-end application in Python for the procurement division.

Wipro

Project Trainee

December 2016 - January 2017 (2 months)

Electronic City-Phase 4, Bangalore

I had interned for 2 weeks at Wipro on the project titled "Semi Structured Data Extraction for Cognitive Search Solutions". I had generated programs to extract data from unstructured data sources.

Microsoft

Campus Connect Program

December 2015 - May 2016 (6 months)

Vellore, Tamil Nadu, India

Campus Connect Program. Worked on UI/UX for an internal project with hands on exposure in Azure.

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## Education

Vellore Institute of Technology

Bachelor's Degree, Computer Science · (2014 - 2018)